

3/2/01 OIPE

RAW SEQUENCE LISTING

DATE: 02/28/2001

PATENT APPLICATION: US/09/785,019

TIME: 16:03:21

Input Set : A:\465c4.app.txt

Output Set: N:\CRF3\02282001\I785019.raw

ENTERED

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3 <110> APPLICANT: Gaiger, Alexander
4   Cheever, Martin A.
5   McNeill, Patricia D.
6   Smithgall, Molly
7   Moulton, Gus
8   Vedvick, Thomas S.
9   Sleath, Paul
12 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1
13   SPECIFIC IMMUNOTHERAPY
15 <130> FILE REFERENCE: 210121.465C4
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/785,019
18 <141> CURRENT FILING DATE: 2001-02-15
20 <160> NUMBER OF SEQ ID NOS: 376
22 <170> SOFTWARE: FastSEQ for Windows Version 3.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 17
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapien
29 <400> SEQUENCE: 1
30   Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
31   1           5           10          15
32   Gly
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 23
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapien
40 <400> SEQUENCE: 2
41   Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
42   1           5           10          15
43   Tyr Leu Pro Ser Cys Leu Glu
44           20
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47 <211> LENGTH: 23
48 <212> TYPE: PRT
49 <213> ORGANISM: Mus musculus
51 <400> SEQUENCE: 3
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53   1           5           10          15
54   Tyr Leu Pro Ser Cys Leu Glu
55           20
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 19
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapien
62 <400> SEQUENCE: 4
63   Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
64   1           5           10          15

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65 Trp Thr Glu
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 22
70 <212> TYPE: DNA
71 <213> ORGANISM: Homo sapien
73 <400> SEQUENCE: 5
74 gagagtcaga cttgaaagca gt                22
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Homo sapien
81 <400> SEQUENCE: 6
82 ctgagcctca gcaaattgggc                20
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 27
86 <212> TYPE: DNA
87 <213> ORGANISM: Homo sapien
89 <400> SEQUENCE: 7
90 gagcatgcat gggctccgac gtgcggg        27
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 25
94 <212> TYPE: DNA
95 <213> ORGANISM: Homo sapien
97 <400> SEQUENCE: 8
98 ggggtaccca ctgaacgggc cccga        25
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 18
102 <212> TYPE: DNA
103 <213> ORGANISM: Mus musculus
105 <400> SEQUENCE: 9
106 tccgagccgc acctcatg                18
108 <210> SEQ ID NO: 10
109 <211> LENGTH: 18
110 <212> TYPE: DNA
111 <213> ORGANISM: Mus musculus
113 <400> SEQUENCE: 10
114 gcctgggatg ctggactg                18
116 <210> SEQ ID NO: 11
117 <211> LENGTH: 27
118 <212> TYPE: DNA
119 <213> ORGANISM: Mus musculus
121 <400> SEQUENCE: 11
122 gagcatgcga tgggttccga cgtgcgg        27
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 29
126 <212> TYPE: DNA
127 <213> ORGANISM: Mus musculus
129 <400> SEQUENCE: 12
130 ggggtacctc aaagcgccac gtggagttt    29

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Input Set : A:\465c4.app.txt

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132 <210> SEQ ID NO: 13
133 <211> LENGTH: 17
134 <212> TYPE: PRT
135 <213> ORGANISM: Mus musculus
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138 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
139 1 5 10 15
140 Gly
143 <210> SEQ ID NO: 14
144 <211> LENGTH: 19
145 <212> TYPE: PRT
146 <213> ORGANISM: Mus musculus
148 <400> SEQUENCE: 14
149 Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
150 1 5 10 15
151 Trp Thr Glu
154 <210> SEQ ID NO: 15
155 <211> LENGTH: 15
156 <212> TYPE: PRT
157 <213> ORGANISM: Homo sapien
159 <400> SEQUENCE: 15
160 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
161 1 5 10 15
163 <210> SEQ ID NO: 16
164 <211> LENGTH: 15
165 <212> TYPE: PRT
166 <213> ORGANISM: Mus musculus
168 <400> SEQUENCE: 16
169 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
170 1 5 10 15
172 <210> SEQ ID NO: 17
173 <211> LENGTH: 14
174 <212> TYPE: PRT
175 <213> ORGANISM: Mus musculus
177 <400> SEQUENCE: 17
178 Val Arg Arg Val Ser Gly Val Ala Pro Thr Leu Val Arg Ser
179 1 5 10
181 <210> SEQ ID NO: 18
182 <211> LENGTH: 14
183 <212> TYPE: PRT
184 <213> ORGANISM: Homo sapien
186 <400> SEQUENCE: 18
187 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
188 1 5 10
190 <210> SEQ ID NO: 19
191 <211> LENGTH: 15
192 <212> TYPE: PRT
193 <213> ORGANISM: Homo sapien
195 <400> SEQUENCE: 19

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Input Set : A:\465c4.app.txt

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196  Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
197  1          5          10          15
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200 <211> LENGTH: 15
201 <212> TYPE: PRT
202 <213> ORGANISM: Mus musculus
204 <400> SEQUENCE: 20
205  Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
206  1          5          10          15
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209 <211> LENGTH: 21
210 <212> TYPE: DNA
211 <213> ORGANISM: Mus musculus
213 <400> SEQUENCE: 21
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216 <210> SEQ ID NO: 22
217 <211> LENGTH: 21
218 <212> TYPE: DNA
219 <213> ORGANISM: Mus musculus
221 <400> SEQUENCE: 22
222  atgttgtgat ggcggaccaa t 21
224 <210> SEQ ID NO: 23
225 <211> LENGTH: 20
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapien
229 <400> SEQUENCE: 23
230  gtggggcgcc ccaggcacca 20
232 <210> SEQ ID NO: 24
233 <211> LENGTH: 24
234 <212> TYPE: DNA
235 <213> ORGANISM: Homo sapien
237 <400> SEQUENCE: 24
238  gtccttaatg ctacgcacga tttc 24
240 <210> SEQ ID NO: 25
241 <211> LENGTH: 21
242 <212> TYPE: DNA
243 <213> ORGANISM: Homo sapien
245 <400> SEQUENCE: 25
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248 <210> SEQ ID NO: 26
249 <211> LENGTH: 21
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapien
253 <400> SEQUENCE: 26
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256 <210> SEQ ID NO: 27
257 <211> LENGTH: 21
258 <212> TYPE: DNA
259 <213> ORGANISM: Homo sapien
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Input Set : A:\465c4.app.txt
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261 <400> SEQUENCE: 27
262 tcaaagcgcc agctggagtt t
264 <210> SEQ ID NO: 28
265 <211> LENGTH: 9
266 <212> TYPE: PRT
267 <213> ORGANISM: Homo sapien
269 <400> SEQUENCE: 28
270 Ala Ala Gly Ser Ser Ser Ser Val Lys
271 1 5
273 <210> SEQ ID NO: 29
274 <211> LENGTH: 9
275 <212> TYPE: PRT
276 <213> ORGANISM: Homo sapien
278 <400> SEQUENCE: 29
279 Ala Ala Gln Phe Pro Asn His Ser Phe
280 1 5
282 <210> SEQ ID NO: 30
283 <211> LENGTH: 9
284 <212> TYPE: PRT
285 <213> ORGANISM: Homo sapien
287 <400> SEQUENCE: 30
288 Ala Glu Pro His Glu Glu Gln Cys Leu
289 1 5
291 <210> SEQ ID NO: 31
292 <211> LENGTH: 9
293 <212> TYPE: PRT
294 <213> ORGANISM: Homo sapien
296 <400> SEQUENCE: 31
297 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
298 1 5
300 <210> SEQ ID NO: 32
301 <211> LENGTH: 9
302 <212> TYPE: PRT
303 <213> ORGANISM: Homo sapien
305 <400> SEQUENCE: 32
306 Ala Gly Ser Ser Ser Ser Val Lys Trp
307 1 5
309 <210> SEQ ID NO: 33
310 <211> LENGTH: 9
311 <212> TYPE: PRT
312 <213> ORGANISM: Homo sapien
314 <400> SEQUENCE: 33
315 Ala Ile Arg Asn Gln Gly Tyr Ser Thr
316 1 5
318 <210> SEQ ID NO: 34
319 <211> LENGTH: 9
320 <212> TYPE: PRT
321 <213> ORGANISM: Homo sapien
323 <400> SEQUENCE: 34

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VERIFICATION SUMMARY

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L:17 M:270 C: Current Application Number differs, Wrong Format